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NEW FINDINGS THIS MONTH

By Constantinos Andreou, Cyber Security Engineer

Pen-Testing vs VAPT

Penetration testing, or Pen-Testing, is the process of simulating cyber-attacks against computer networks and applications to expose security vulnerabilities. It is a technical assurance exercise that has become an integral part of organisations' cybersecurity programs, applying to both physical and virtual infrastructure.

Vulnerability Assessment and Penetration Testing (VAPT) are two types of vulnerability testing. The tests have different strengths and are often combined to achieve a more complete vulnerability analysis. In short, Penetration Testing and Vulnerability Assessments perform two different tasks, usually with different results, within the same area of focus.

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whether unauthorized access or other malicious activity is possible and identify which flaws pose a threat to the application. Penetration tests find exploitable flaws and measure the severity of each. A penetration test is meant to show how damaging a flaw could be in a real attack rather than find every flaw in a system.
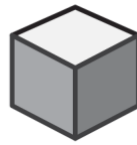
Together, penetration testing and vulnerability assessment tools provide a detailed picture of the flaws that exist in an application and the risks associated with those flaws.
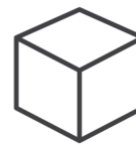
Types of Testing

Black Box Testing
No information available, except target addresses

Grey Box Testing
Some information available, such as credentials to log in

Crystal Box Testing
Full information available, including source code

What you will expect

- A high-level management report
- An in-depth technical review document
- Actionable insights prioritized by impact
- Support to fix what needs to be fixed in a timescale that works for you

THINK WE CAN DO THIS TOGETHER? GET IN TOUCH.